



## Tiger DR-Wired & Wireless Option for Podiatry

### Most Advanced Cesium DR Flat Panel Detector



Simple, easy, and cost-effective CsI DR-Wired or Wireless solution

#### 10"x12" model specifications

Tiger DR-Wired or Wireless 10"x12" is a cassette size flat panel detector available with a 10"x12" active area sensor. TigerView DR-Wired or Wireless fits into existing orthoposers and does not require a cable connection with an X-ray generator to synchronize the signals. The entire active area is prepared with the "Autosense" technology and takes care of the exposure timing.

This ultra thin and lightweight wired or wireless detector allows digitizing without modification of existing conventional imaging systems. Cable free functionality on the wireless gives the user a true wireless detector at a fraction of the cost.

Tiger DR-Wireless benefits include:

- Highest DQE and the best MTF among CsI detectors
- 100 Superior Cesium Iodide (CsI) construction
- 100 Rapid image acquisition in 8 seconds
- Up to 7 hours battery life for the wireless option
- Simple magnetic cable connection for easy charging for the wireless option



5 lbs



Panel available tethered or wireless



6 second image acquisition time



Directly integrates with TigerView software



No cassettes necessary



5 year panel warranty



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### SPECIFICATIONS

Sensor	
Scintillator	CsI
Active Area	307 x 246 mm <sup>2</sup>
Pixel Array	2560 x 2048
Pixel Pitch	120 µm
Image Quality	
Limiting Resolution	>4.2 lp
MTF	70% (@1 lp/mm)
	40% (@2 lp/mm)
	25% (@3 lp/mm)
	15% (@4 lp/mm)
DQE (RQA5, 14µGy)	~70% (@0 lp/mm) ~33% (@3 lp/mm)
Sensitivity	~0.62ct/nGy
Response Non-linearity	< ±0.5%
Maximum Linear Dose	> 95µGy
Dark Noise	~ 10nGy
Dynamic Range	~ 82 dB
Communication Interface	
Image Acquisition Time	6 seconds
Exposure Control	F <sup>2</sup> AED External Sync/Manual
Communication Interface	WiFi/Gigabit Ethernet

Environmental	
Operating	
Temperature Range	0 - 40°C
Humidity Range (non-condensing)	30% - 75% RH
Storage	
Temperature Range	-20°C - 55°C
Humidity Range	10% - 90% RH
Water / Dust Proof	IP64
Mechanical	
Dimensions	33.3 x 28.2 x 1.5 cm <sup>2</sup>
Weight	~2.3 kg
Housing Material	Front: Carbon Fiber Back: Aluminum Alloy
Power	
Maximum Power	Standby: 8W Operating: 17W
AC Power	
Power Supply	100 - 240V AC
Frequency	50/50 Hz
Battery	3200 mAH, 14.7V



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